

CLAIMS

1. A multimedia electronic device, characterized by comprising a CPU capable of controlling each of circuits, a reproducer for reading out information from a storage medium, a switch for operating said reproducer, an output circuit capable of outputting at least an audio signal on the basis of the information read out of said reproducer, and a controller receiving a signal representing the active state of said CPU and a signal representing the operating state of said switch for carrying out supply control of driving power to said reproducer and said output circuit and output control of a command to said reproducer on the basis of the two signals.

2. A multimedia electronic device, characterized by comprising a CPU capable of controlling each of circuits, a reproducer for reading out information from a storage medium, a switch for operating said reproducer, an output circuit capable of outputting at least an audio signal on the basis of the information read out of said reproducer, a controller receiving a signal representing the active state of said CPU and a signal representing the operating state of said switch for feeding a power supply control signal and outputting a command to said reproducer on the basis of the two signals, and a power

supply circuit receiving said power supply control signal and the signal representing the active state of said CPU for supplying said reproducer and said output circuit with driving power when at least one of both the signals is active.

3. A multimedia electronic device, characterized by comprising a CPU capable of controlling each of circuits, a reproducer for reading out information from a storage medium, a switch for operating said reproducer, an output circuit capable of outputting at least an audio signal on the basis of the information read out of said reproducer, a controller receiving a signal representing the active state of said CPU, a signal representing the operating state of said switch, and a signal representing the reproduction output state of said reproducer for carrying out supply control of driving power to said reproducer and said output circuit on the basis of the three signals.

4. A multimedia electronic device, characterized by comprising a CPU capable of controlling each of circuits, a reproducer for reading out information from a storage medium, a switch for operating said reproducer, an output circuit capable of outputting at least an audio signal on the basis of the information read out of said reproducer, a controller receiving a signal representing

the active state of said CPU, a signal representing the operating state of said switch, and a signal representing the reproduction output state of said reproducer for feeding a power supply control signal on the basis of the three signals, and a power supply circuit receiving said power supply control signal and a signal representing the active state of said CPU for supplying said reproducer and said output circuit with driving power when at least one of both the signals is active.

5. The multimedia electronic device according to claim 3 or 4, characterized in that a signal representing the reproduction output state of said reproducer is outputted by a monitoring circuit comprising a detection circuit for detecting a reproduction output and a timer for outputting a signal indicating that a predetermined time period has elapsed since the reproduction output was not detected.

6. The multimedia electronic device according to claim 5, characterized in that the supply of the driving power of said monitoring circuit is controlled by said controller.

7. The multimedia electronic device according to any one of claims 1 to 6, characterized in that said CPU is so constructed that it can output a command to said reproducer on the basis of application software

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operating on an OS.

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8. The multimedia electronic device according to any one of claims 1 to 7, characterized in that said controller electrically disconnects said CPU and the reproducer when said CPU is inactive.

9. A multimedia electronic device, characterized by comprising a reproducer for reading out information from a storage medium, a switch for operating said reproducer, an output circuit capable of outputting at least an audio signal on the basis of information read out of said reproducer, a monitoring circuit for monitoring the reproduction output state of said reproducer, and a controller receiving a signal representing the operating state of said switch and a signal outputted by said monitoring circuit for controlling the supply of driving power to said reproducer and said output circuit on the basis of the two signals.

10. A multimedia electronic device, characterized by comprising a reproducer for reading out information from a storage medium, a switch for operating said reproducer, an output circuit capable of outputting at least an audio signal on the basis of the information read out of said reproducer, a monitoring circuit for monitoring the reproduction output state of said

reproducer, and a controller receiving a signal representing the operating state of said switch and a signal outputted by said monitoring circuit for controlling the supply of driving power to said reproducer, said output circuit, and said monitoring circuit on the basis of the two signals.

11. A multimedia electronic device, characterized by comprising a reproducer for reading out information from a storage medium, a monitoring circuit for monitoring the reproduction output state of said reproducer, and a controller receiving a signal outputted by said monitoring circuit for controlling the supply of driving power to said reproducer on the basis of the signal.

12. A multimedia electronic device, characterized by comprising a reproducer for reading out information from a storage medium, a monitoring circuit for monitoring the reproduction output state of said reproducer, and a controller receiving a signal outputted by said monitoring circuit for controlling the supply of driving power to said reproducer and said monitoring circuit on the basis of the signal.

13. The multimedia electronic device according to any one of claims 9 to 12, characterized in that said controller stops the supply of the driving power to a

predetermined circuit when said monitoring circuit detects that a reproduction output of said reproducer does not exist in a predetermined time period.

A2
CONCL.

14. The multimedia electronic device according to any one of claims 1 to 13, characterized in that said reproducer is a CD-ROM drive.